BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

lame of Work : Improvements to Roads and Drains at Medarahally Village Main road and Surrounding area in Ward No 12 Shettyhalli, Shettyhalli Sub Division

5 Code-012-18-000003

Est .Cost Rs.50.00 Lakhs

	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
	KSRRB 300-3 Earthwork excavation by manual means in ordinary soil invorving in average horizontal throw up to 2m & an average lift upto 1 5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. **P. No. 142/ It No. 19.1/ PWD SR 2016-17**								
	For drain	Cum							
	Medarahalli cross road opp masjid		2	150.00	1 20	1 00	360 00		
	cross road-		2	131 00	1 20	1.00	314 40		
	For culverts		3	6.00	1.75	1.00	31 50		
							705.90	175 96	**124210.00**
	Basic Rate	**82.00**							
	add loading & unloading charges	68 00							
	lead for 5 km=5*1 28*2 5	16 00							
	Total	166 00							
	add AW 6%	9 96							
		175.96							
2	KSRB 4-1 3 **Providing and laying in position plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0 85cum and fine aggregates @ 0 57cum machine mixed, machine mixed concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No. KBS 4 3 **Page No.12/ Item No. 4.3/ PWD SR 2016-17**								
	Medarahalli cross road opp masjid	cum	2	150.00	1.05	0 15	47 25		
	cross road-		2	131.00	1.05	0.15	41 27		
	For culverts		3	6.00	1.60	0.15	4 32		
							92.84	5159 02	**478938.00**
	Basic Rate	4867.00							
	Add A W 6%	292 02							
	Total	**5159.02**							
3	KSRB 4 2 2 **Providing and laying in position reinforced cement concrete of design mix M20** with OPC cement @ 320kgs, with with 20mm and down size graded granite metal coarse aggregate @ 0 69 cum and fine aggregates @ 460cum with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed -2008, machine mixed concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings pedastals retaining walls staircase, retaining walls, return walls, walls (any thickness) including attached plasters columns piers abutments, pillars, posts, struts, buttresses, string or lacing courses parapets, bed blocks, anchor blocks, plain window cills, fillets etc , including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4 1, 4 5 **,P.13/I.4.11/ PWD SR 2016-17**								
	For drain bottom	Cum							
	Medarahalli cross road opp masjid		2	150 00	1 00	0 15	45 00		
	cross road-		2	131 00	1 00	0 15	39 30		
	for side wall								

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	Medarahalli cross road opp masjid		4	150.00	0.15	0.70	63.00		
	cross road-		4	131.00	0.15	0.70	55.02		
	For culverts bottom		3	6.00	1.60	0.15	**202.32** 4.32		
	side wall		6	6.00	0.35	0.70	8.82		
	for deck slab		3	6.00	1.50	0.23	6.21		
	Ramp		3	6.00	1.00	0.15	2.70		
							224.37	6371.66	**1429609.00**
	Basic Rate	6011.00							
	Add A W 6%	360.66							
	Total	**6371.66**							
4	KSRB 4-6.4 **Providing and removing centering, shuttering**, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached1 pilasters, buttresses, plinth cilis and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No.15/ Item No. 4.31/ PWD SR 2016-17**								
	Medarahalli cross road opp masjid	**sqm**	2x4	150.00		0.75	900.00		
	cross road-		2x4	131.00		0.75	786.00		
	For culverts		4x3	6.00		0.75	72.00		
	for deck slab		3	6.00	0.60		10.80		
			3	15.00		0.30	13.50		
							1782.30	310.58	**553547.00**
	Basic Rate	293.00							
	Add A.W 6%	17.58							
	Total	**310.58**							
5	KSRB 4.9.2: **Providing T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications Specification No. KBS 4.6.3, TMT bars **Fe 500**. **Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17**								
	for drain	Tonnes		205.02	x	65 kgs	13150.80		
	for cd's			19.35	x	80 kgs	1764.00		
					or say		**14914.80**		
							14.91	64243.42	**958178.00**
	Basic Rate	60607.00							
	Add A.W 6%	3636.42							
	Total	**64243.42**							
6	**Providing & laying reinforeced cement precast slabs** of mix **CC 1:11/2:3** using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.								
	Medarahalli cross road opp masjid	Sqm	2	150.00		0.90	270.00		
	cross road-		2	131.00		0.90	235.80		
	missing slabs		3	24.00		0.90	64.80		
	Approved Rate of Precast slab	**1680.00**					**570.60**	1680.00	**958608.00**

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								6
					Sub Total			4759664.00
7	Add Tender Primium and other charges							4503090.00 237983.00
8	Miscellaneous and unforeseen charges							495340.00
							L.S	2363.00 1570.00
					Grand Total			5000000.00
	(Rupees Fifty Lakhs Only)							

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2016-17
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-12

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ನಂ. AE/DD/D1/662/17-18
26-12-17
ರೂ. [Rs 50.00 lakhs]
[Fifty lakhs only]
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ನಂ. CE/TS/1170/17-18 ದಿನಾಂಕ: 27/12/17
ರೂ. Rs 50.00 lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂ:
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ಮುಖ್ಯ ಅ
ದಾಸರಹಳ್ಳಿ ವ

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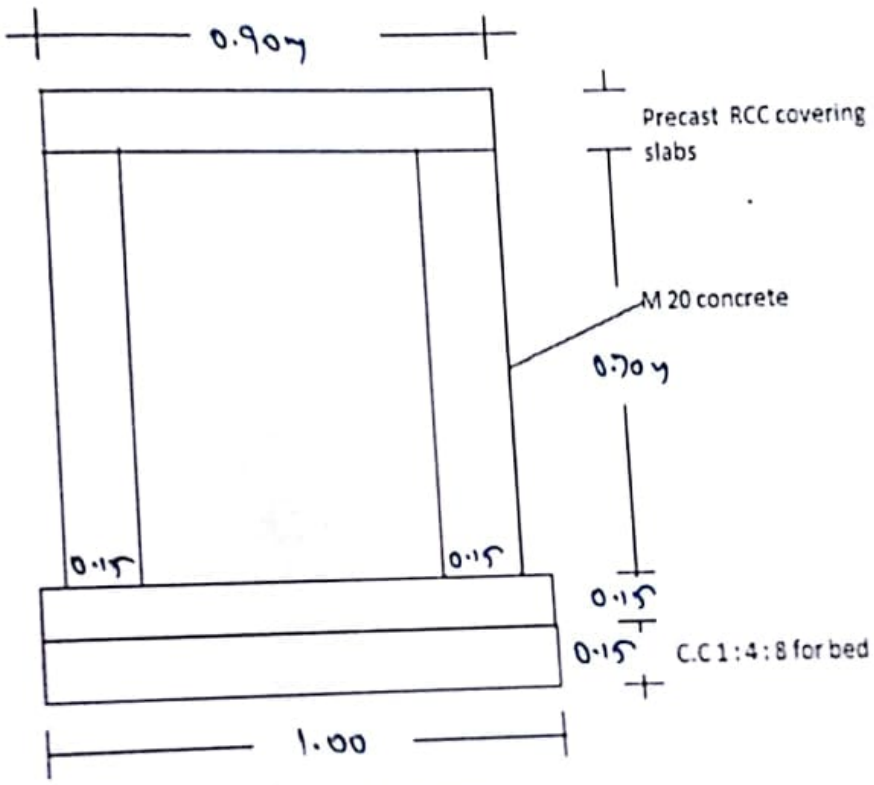
Name of work : Improvements to roads and drains at Medarahally Village Main roads and surrounding area in Wrad No.12 Shettyhalll,, Shettyhalll Sub Division.

Estimated cost : Rs 50.00 Lakhs Job No : .012-18-000003 (P. Code-3332)



cross section of RCC drain

Assistant Engineer
Ward No 12

Assistant Executive Engineer
Shettyhalli Sub Division

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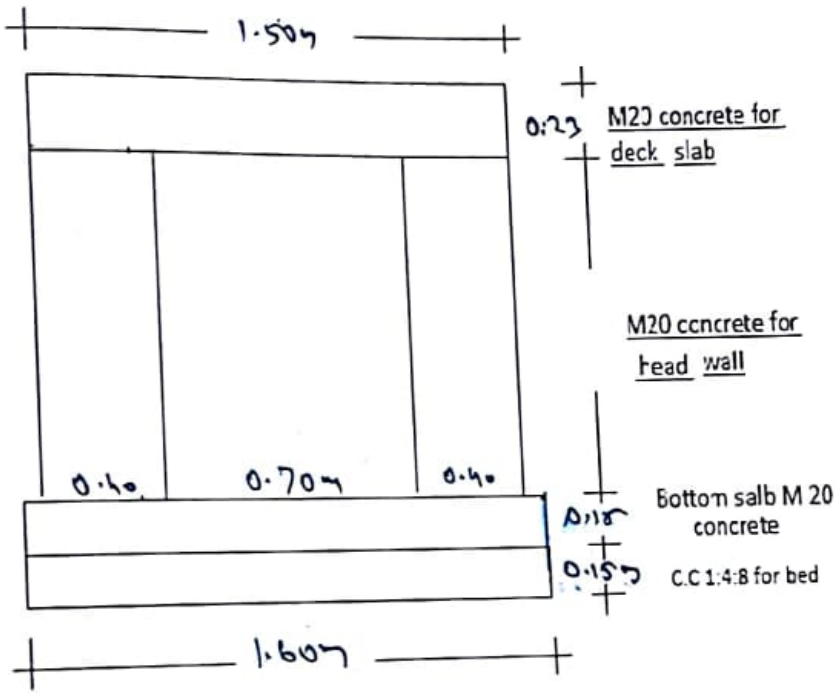
Name of work : Improvements to roads and drains at Medarahally Village Main roads and surrounding area in Wrad No.12 Shettyhalli,, Shettyhalli Sub Division.

Estimated cost : Rs 50.00 Lakhs (Special Development Grant work, P -3332)



cross section of culverts

Assistant Engineer
Ward No 12

Assistant Executive Engineer
Shettyhalli Sub Division

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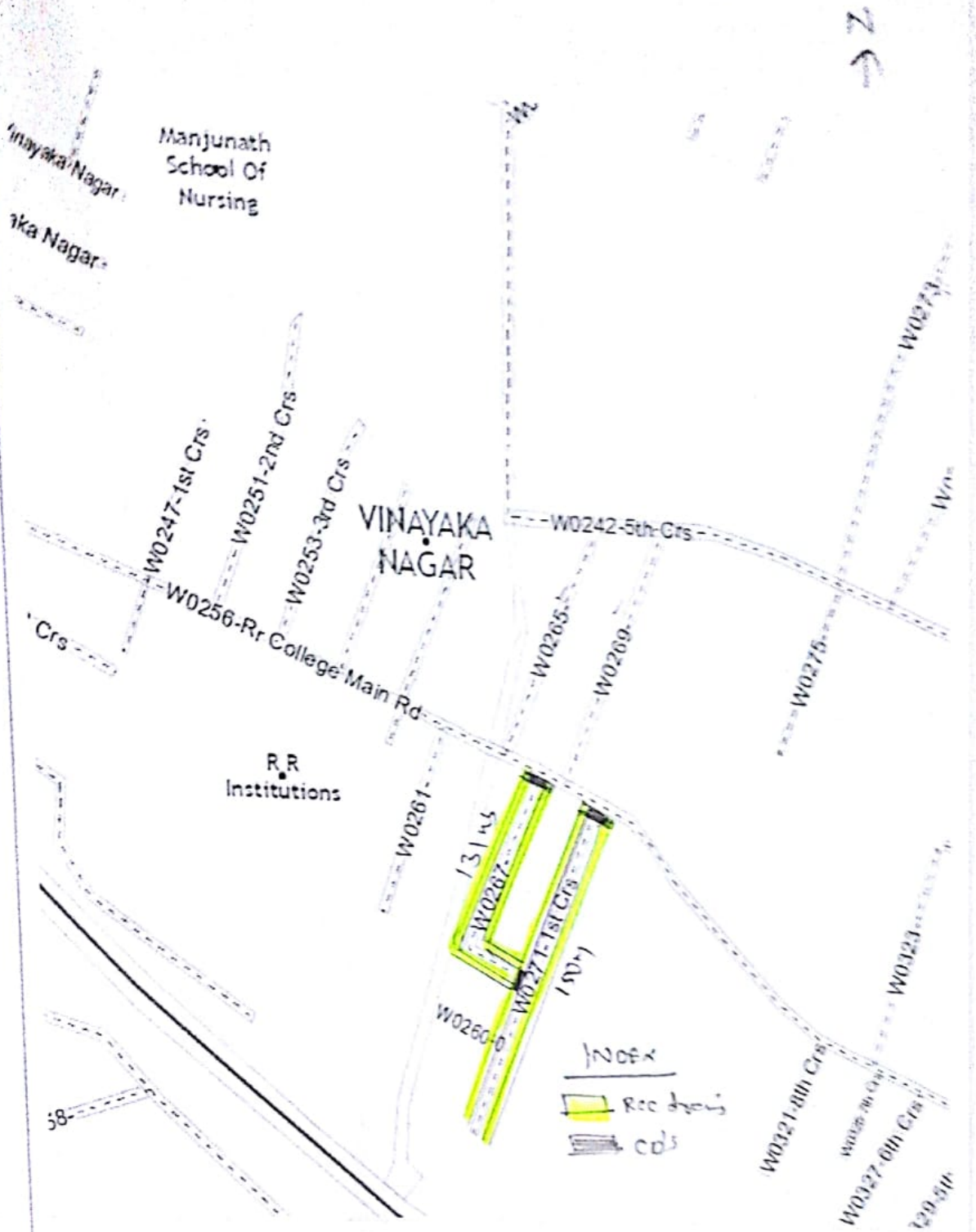
Name of Work: Improvements to Roads and Drains at Medarahally Village Main road And Surrounding area in Ward No 12 Shettyhalli, Shettyhalli Sub Division (Special Development grant work, P -3332)



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